 <p align="center"> United States Environmental Protection Agency Washington, DC 20460 Interagency Agreement/ Amendment Part 1 - General Information </p>		1. EPA IA Identification Number DW-96-95822101 - 0		2. Funding Location by Region EPA R2					
		3. Other Agency IA ID Number (if known)		4. Awarding Office IASSC West					
		5. Type of Action New		6. IA Specialist: Aaron Simril 206-553-0459 Simril.Aaron@epa.gov					
7. Name and Address of EPA Organization US Environmental Protection Agency IASSC West 1200 Sixth Avenue, Suite 900, OMP-145 Seattle, WA 98101			8. Name and Address of Other Agency U.S. Army Corps of Engineers EM CX EM CX 1616 Capitol Ave., Suite 9200 (CEHNC-CX-ES) Omaha, NE 68102-9200						
9. DUNS: 029128894		10. BETC: DISB		11. DUNS: DOD964126					
12. BETC: COLL									
13. Project Title and Description Rockaway Borough Wellfield (Klockner & Klockner portion) RA OS OU3 Oversight of PRP-performed Remedial Action activities at the Rockaway Borough Wellfield (Klockner & Klockner portion), OU3, Superfund site located in Rockaway Borough, Morris Count, New Jersey (EPA ID#: NJD980654115).									
14. EPA Project Officer (Name, Address, Telephone Number) Justin Gottesman 290 Broadway (ERRD/PSB/CMS) New York, NY 10007-1866 212-637-4303 E-Mail: Gottesman.Justin@epa.gov FAX: 212-637-3083			15. Other Agency Project Officer (Name, Address, Telephone) Marvene L. Seaman 1616 Capitol Ave., Suite 9200 (CEHNC-CX-ES) Omaha, NE 68102-9200 402-697-2425 E-Mail: marvene.l.seaman@usace.army.mil FAX: 402-697-2613						
16. Project Period: 05/21/2012 to 12/31/2013			17. Budget Period: 05/21/2012 to 12/31/2013						
18. Scope of Work (See Attachment) The Scope of Work is attached.									
19. Employer/Tax ID No. 520852695		20. CAGE No: 347A4		21. ALC: 68-01-0727					
22. Statutory Authority for Transfer of Funds and Interagency Agreement CERCLA: Secs. 105(a)(4) & 115 and Executive Order 12580					23. Other Agency Type Federal Agency				
24. Revise Reimbursable Funds and Direct Fund Cites (only complete if applicable)									
	Previous Funding		This Action		Amended Total				
Revise Reimbursable (in-house)					0				
Direct Fund Cite (contractor)					0				
Total					0				
	Previous Amount		Amount This Action		Total Amount				
25. EPA Amount			\$150,000	\$150,000					
26. EPA In-Kind Amount				\$0					
27. Other Agency Amount			\$0	\$0					
28. Other Agency In-Kind Amount				\$0					
29. Total Project Cost			\$150,000	\$150,000					
30. Fiscal Information									
Treas. Symbol	DCN	FY	Appropriation	Budget Org	PRC	Object Class	Site/Project	Cost Org	Ob/De-Ob Amt
68-68X8145	1202HE0245	11	TR2B	02D	303DD2	2506	0281BF03	C002	47,133
68-68X8145	1202HE0245	12	TR2B	02D	303DD2	2506	0281BF03	C002	102,867
									150,000

Part II - Approved Budget				EPA IAG Identification Number DW-96-95822101 - 0
31. Budget Categories	Itemization of All Previous Actions	Itemization of This Action	In-Kind Itemization of This Action	Itemization of Total Project Cost to Date
(a) Personnel		\$56,312		\$56,312
(b) Fringe Benefits		\$30,972		\$30,972
(c) Travel		\$2,000		\$2,000
(d) Equipment				\$0
(e) Supplies				\$0
(f) Procurement / Assistance				\$0
(g) Construction				\$0
(h) Other		\$1,800		\$1,800
(i) Total Direct Charges	\$0	\$91,084	\$0	\$91,084
(j) Indirect Costs:	\$0	\$58,916		\$58,916
Charged - Amount Rate: 67.5% Base: \$87,284.00 Not Charged: Funds-Out: Not charged by Other Agency Estimate by other Agency Amount \$				
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$0	\$150,000	\$0	\$150,000
32. How was the IDC Base calculated? Personnel + Fringe benefits				
33. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Identify all equipment costing \$1,000 or more) N/A				
34. Are any of these funds being used on extramural agreements? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Type of Extramural Agreement				
Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project		Percent Funded by EPA (if known)	
	Total \$ 0.00			
Part III - Funding Methods and Billing Instructions				
35. (Note: EPA Agency Location Code (ALC) - 68010727)				
<input checked="" type="checkbox"/> Disbursement Agreement	Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002:			
<input checked="" type="checkbox"/> Repayment	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Upon Completion of Work			
<input type="checkbox"/> Advance	Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002.			
<input type="checkbox"/> Allocation Transfer-Out	Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.			
36. <input type="checkbox"/> Reimbursement Agreement <input type="checkbox"/> Repayment <input type="checkbox"/> Advance				
<input type="checkbox"/> Allocation Transfer-In				
Other Agency's Billing Address (include ALC or Station Symbol Number)			Other Agency's Billing Instructions and Frequency	

Part IV - Acceptance Conditions**EPA Identification Number**

DW-96-95822101 - 0

37. Terms and Conditions, when included, are located at the end of the 1610-1, or as an attachment.**Part V - Offer and Acceptance**

Note: A) For Fund-out actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants and IA Management Division for Headquarters agreements or to the appropriate EPA Regional IA administration office within 3 calendar weeks after receipt or within any extension of time that may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.

Failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency after the document is signed by the EPA Award Official, which the Award Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.

B) For Funds-In actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IA administration office for signature on behalf of the EPA. EPA will return one original copy after acceptance returned to the other agency after acceptance.

EPA IA Administration Office (for administrative assistance)**EPA Program Office (for technical assistance)****38. Organization/Address**

U.S. Environmental Protection Agency
IASSC West
1200 Sixth Avenue, Suite 900, OMP-145
Seattle, WA 98101

39. Organization/Address

US Environmental Protection Agency
R2 - Region 2
290 Broadway
New York, NY 10007-1866

Award Official on Behalf of the Environment Protection Agency

40. Digital signature applied by EPA Award Official | FOR Armina K. Nolan - Manager - Grants and Interagency Agreements Unit
Tony Fournier - AO delegate

Date

05/23/2012

Authorizing Official on Behalf of the Other Agency**41. Signature****Typed Name and Title****Date**

IA Terms and Conditions

USACE Special Terms and Conditions - updated March 2012

The USACE agrees to meet the site-specific financial management and recordkeeping responsibilities contained in EPA's "Superfund Financial Management and Recordkeeping Guidance for Federal Agencies" (January 1989).

1. Cost Documentation Requirements

EPA, acting as manager of the Hazardous Substances Superfund, requires current information on CERCLA response actions and related obligations of CERCLA funds for these actions. In addition, CERCLA, as amended, authorizes EPA to recover from responsible parties all government costs incurred during a response action. In order to help assure oversight and successful recovery of CERCLA funds, both USACE and EPA have responsibilities under this agreement. The USACE accounting system reports must be supported by site – and activity-specific cost documentation. The USACE will organize and retain in a site file documentation of costs by site and activity (e.g. vouchers, billing statements, evidence of payment, audit reports) as follows:

a. Direct Costs

- Payroll – timesheets or timecards to support hours charged to a particular site, including the signature of the employee and/or the employee's supervisor.
- Travel – travel authorizations (including purpose of trip), local travel vouchers, traveler's reimbursement vouchers, carrier bills (including airline tickets), government owned vehicle bills, appropriate receipts for hotel, car rental, etc., proof of payment. Proof of payment is satisfied by providing a copy of the accomplished Standard Form (SF) 1166 "Voucher and Schedule of Payment" or equivalent.
- Contractor Services – copies of contracts, requests for proposals (RFPs), detailed evaluations of contractor bids, contractor invoices, USACE project officer approvals of invoices, and proof of payment. Proof of payment is satisfied by providing a copy of the accomplished SF 1166 or equivalent.
- Supplies and Equipment – EPA authorizations to purchase non-expendable property of \$1,000 or more, vendor invoices, proof of payment, and hourly records of equipment use, when applicable.
- Any other direct costs not included in the above categories.

b. Indirect Costs

If indirect costs are not calculated by the USACE accounting system, a worksheet showing calculations of indirect costs charged to a site will be retained by the USACE.

Under this IA, the USACE certifies: 1) that any indirect costs included in billings to EPA represent, in accordance with GAO principles, indirect costs that would not have been otherwise incurred by the USACE, or 2) that explicit Congressional authority exists for charging other than incremental costs of performance.

2. Reporting Requirements

a. EPA regions and staff who are developing the IA should consider the anticipated project scope, schedule and costs, and discuss with the performing agency the appropriate level of detail for monthly reports, and agree on the content and format. EPA will use these reports as a tool to monitor site

activities.

b. The USACE will provide monthly progress reports to the EPA Project Officer and to the EPA Remedial Project Manager. The format and contents for monthly progress reports will follow recommendations provided in EPA's March 2008 OSRTI guidance memorandum entitled: "Monthly Project Reporting for Superfund Interagency Agreements to the U.S. Army Corps of Engineers". The monthly progress reports should minimally contain the following:

- A cover letter which includes the Site Name and IA Number.
- Summary of work performed for current period.
- Estimate of the percentage of the project completed.
- Accounting of funds expended during the reporting period and on the project to date, which includes budget category cost breakdown.
- Summaries of all change orders and claims made on contracts during the reporting period.
- Summaries of all contacts with representatives of the local community, public interest groups, or State government during the reporting period.
- Summaries of all problems or potential problems encountering during the reporting period.
- Projected work for the next reporting period.
- Copy of the SF 1080 billings statement clearly marked "copy".

c. The USACE will submit a complete and signed Request for Reimbursement (SF-1080) to the EPA Financial Management Center, Cincinnati (CFMC), containing, as appropriate, USACE cost by budget category identified by site, site-specific account number, and IA number. The USACE will follow the procedures contained in EPA's OERR Directive, Memorandum 9295.2-04 entitled "EPA/U.S. Army Corps of Engineers Payment Process, Direct Cite Revised Reimbursement Methods" (available at the following website: <http://www.epa.gov/superfund/cleanup/pdfs/rdra/payment.pdf>). Upon receipt of the USACE certified bills, CFMC processes payment to USACE. Payment will be made within 5 days of receipt and without certification by the EPA Regional Program Office except for final billings. **The USACE project manager will provide one copy of the SF 1080 billings clearly marked "copy" with the monthly status report to the EPA Project Officer and one copy to the EPA Remedial Project Manager.** If EPA detects any apparent discrepancies with the payment request, the problem should be discussed and resolved with the USACE Project Manager. Any changes required to subsequent payment requests will be documented in a memorandum from the EPA Project Officer to the USACE project manager.

d. The USACE will provide a final inventory of property, within one month of the end of the Interagency Agreement performance period, describing the condition of each item. The USACE will require all contractors to provide a final inventory of property prior to their final contract payment. If the duration of the project is greater than one year, USACE will provide an annual inventory of all property acquired by or furnished to USACE with EPA funds.

3. Cost Recovery

In the event of a contemplated cost recovery action, the USACE will provide to EPA or the Department of Justice (DOJ) a cost documentation package detailing site-specific costs and including copies of the back up documentation. In some cases, these requests from EPA or DOJ may require that this documentation be provided in less than thirty days. If additional time is required to comply with a request, the USACE will negotiate with EPA or DOJ a schedule for responding. The USACE will provide EPA with a contact for obtaining necessary site-specific accounting information and documentation.

4. Cost Collection Upon Cancellation

If EPA cancels the IA, the USACE is authorized to collect costs incurred prior to cancellation of the IA plus termination costs, up to the total payment amount provided for under the agreement.

5. Record Retention Requirements

The USACE will retain the documents describe in these "Special Conditions" for a minimum of thirty years after submission of a final SF 1080 for a site or sites, after which USACE must obtain written permission from the authorized EPA official before disposing of any of the records. The USACE will require all contractors entering into cost reimbursable type contracts to establish and maintain cost documentation as described above.

6. Audits

a. Superfund cost documentation information must be available for audit or verification upon request of authorized auditing agencies.

b. If an audit determines that any direct or indirect costs charged to EPA by the USACE are unallowable, the USACE will notify EPA immediately following the release of the audit.

7. Final Inspection and Certification

The EPA Remedial Project Manager and Project Officer will participate in the final project inspection, as deemed necessary, to ensure all activities identified in the statement of work have been implemented. At project completion, the EPA Remedial Project Manager and Project Officer will review the final monthly and financial reports provided by the performing agency. If appropriate, EPA will initiate the IA closeout process.

8. Financial Closeout

Within six months after completion of the projects/activities, the USACE will send a letter to EPA Regional IA Coordinator stating that the project has been completed and give the total amount of funds utilized and the amount of excess funds to be deobligated and returned to EPA.

9. Other EPA Involvement

a. If the Direct Fund Cite Method applies, payment by EPA to USACE contractors is contingent upon receipt of a USACE certified payment request. Reimbursement to USACE for in-house costs is contingent upon receipt of a USACE certified reimbursement request (SF 1080).

b. If the Direct Fund Cite Method does not apply, reimbursement to USACE for all costs (contract and in-house) is contingent upon receipt of a USACE certified reimbursement request (SF 1080).

c. Final project payments for specific contracts and in-house cost should be reviewed and approved by the EPA Regional Program Office.

10. Procurement

If this IA includes assisted acquisitions, EPA will coordinate with the performing agency prior to issuance of a contract solicitation, request for proposals under an existing contract or issuing a task order under an existing contract, to ensure that any applicable agency-specific terms and conditions are incorporated into the contract and that the statement of work is within the scope of this IA.

11. Equipment Disposition

EPA will hold title to all property acquired with Superfund monies. EPA will provide the USACE with property disposition instructions upon termination of the IA and receive fair-market value for any property disposed of or used for non-Superfund activities.

12. Minority Business Utilization

In accordance with Public Law 102-389, EPA's policy requires, to the fullest extent possible, that at least 8% of its overall Federal funding for prime and subcontracts awarded in support of authorized programs be awarded to business concerns or other organizations owned or controlled by socially and economically disadvantaged individuals, including historically Black colleges and universities and women. In accordance with CERCLA, as amended (P.L. 99-499), Section 105, any Federal agency awarding contracts, grants, or cooperative agreements utilizing Superfund monies shall consider the availability of minority contractors for participation in contracts. This includes but is not limited to: contracts, subcontracts, SBA 8(a) awards and any subagreements.

Consistent with the above statutes and policy, the USACE agrees, in awarding contracts under this IA, to comply with the utilization requirements for Minority Business Enterprises (MBEs) and Women's Business Enterprises (WBEs) set forth. USACE also agrees to comply with the Small Business Act, 15 U.S.C. 631 et seq and the annual Small Business goals it negotiated with the Small Business Administration (SBA).

All reporting on MBE/WBE and small business accomplishments will be accomplished through the existing federal contracting reporting mechanism, currently the "Federal Procurement Data System, Next Generation (FPDS-NG)," which is available at: https://www.fpds.gov/fpdsng_cms/.

13. Project Specific Conditions

- a. The USACE will invite (with reasonable notice) the EPA RPM to participate in contractor meetings in which scope of the project and/or progress is discussed.
- b. The USACE will invite the EPA RPM to participate in the contractor selection process, as appropriate.
- c. The USACE will have final authority for contract bids, shop drawings and contract modifications that may occur/be prepared during the course of the contract (within contingency fund limitations).
- d. The USACE Project Manager will regularly brief the EPA RPM on the current status of the project. Briefings will be monthly unless a different frequency is mutually agreed upon by both project managers. Emphasis will be placed on project budget, expenditure rates, and schedule.
- e. The USACE personnel and its contractors will have the appropriate safety training and be involved as appropriate in a medical monitoring program as specified in 29 CFR Part 1910; 51 CFR 45663 – 45675; and Section 125(e) of CERCLA, as amended.
- f. All project deliverables will be reviewed by appropriate USACE and EPA personnel within 30 days unless a different frequency is mutually agreed upon by both USACE and EPA Project Managers. Shortened time frames may be appropriate in cases of expedited schedules.
- g. Upon request, the USACE will, in a timely manner, submit to the EPA RPM all final negotiated contracts and contract modifications with budget information.
- h. Under situations where private contractors or subcontractors who are attempting to contract or are under contract with USACE under this IA have claimed some information as Confidential Business Information (CBI), USACE will ensure that such private contractors or subcontractors mark the information as CBI or similar claim of confidentiality. The USACE will then inform EPA immediately in writing when such a claim has been received, and forward the information marked CBI to EPA for EPA

review. EPA's Office of General Counsel or Office of Regional Counsel will then decide whether the CBI claim is valid. If EPA determines that the information is CBI, USACE and EPA cannot release that information under the Freedom of Information Act (FOIA). If USACE or EPA did not ask the private contractors or subcontractors to identify CBI in its document submittals, and there is a FOIA request, USACE or EPA will have to go back to the private contractors or subcontractors and ask them to identify any CBI. If any questions arise regarding whether or not information is releasable under FOIA, USACE and EPA staff should request that the EPA Project Officer managing the IA contact EPA's Office of General Counsel or Office of Regional Counsel, or the local EPA FOIA Officer, for assistance.

i. If the EPA Project Officer changes during the period of performance of the IA, EPA should submit an IA Amendment Form as soon as the change occurs.

j. On an annual basis, EPA will conduct a performance feedback survey, fully coordinated with EPA, to assess work assigned to USACE through the IA during the calendar year. The purpose of this feedback survey is to assess the performance of USACE in carrying out assigned Superfund work during the calendar year. The survey includes survey questions that would be filled out by the RPM regarding USACE performance under the IA. For any sites where an RPM provides a low rating of '1' or '2' for any response to this feedback survey, USACE Headquarters will request that the USACE Project Manager contact the RPM to discuss the reasons for that rating and work out how to best resolve the problems or issues raised by the RPM.

14. Resolution of Disagreements

Should disagreements arise on the interpretation of the provisions of this agreement or amendments and/or revisions thereto, that cannot be resolved at the operating level, the area(s) of disagreement shall be stated in writing by each party and presented to the other party for consideration. If agreement or interpretation is not reached within 30 days, the parties shall forward the written presentation of the disagreement to respective higher officials for appropriate resolution.

If a dispute related to funding remains unresolved for more than 30 calendar days after the parties have engaged in an escalation of the dispute, disputes will be resolved in accordance with instructions provided in the Treasury Financial Manual (TFM) Volume I, Part 2, Chapter 4700, Appendix 10, available at <http://www.fms.treas.gov/tfm/index.html>.

If USACE and EPA cannot concur nor conditionally concur regarding any aspect of work associated with EPA and USACE activities under this IA, such disputes shall be resolved at the lowest level possible within EPA and USACE. In such instances, USACE district or division staff may sequentially elevate the matter to the Commander of the USACE district or division office that is managing the IA for resolution, and EPA regional or headquarters staff may sequentially elevate the matter to the Director of EPA's Superfund or Waste Management Division with the EPA regional or headquarters office that is managing the IA for resolution.

15. Quality Assurance

If this IA involves the collection, generation, or use of environmental data or information, then a Quality Management Plan (QMP) and a Quality Assurance Project Plan (QAPP) must be developed and used in accordance with existing Regional and National Program Office QA policies, guidelines, SOPs, etc. Within these broad QM/QA guidelines, specific requirements for a given project will be detailed in the Statement of Work (SOW) as an attachment to each IA. If mutually agreed, QMPs may address multiple projects and be submitted periodically, rather than project specifically. The USACE is responsible for reviewing and approving any contractor work for consistency with these QA requirements. Any guidance referenced herein will be superseded by updates or new Requirements/Guidance as they become available. EPA may perform periodic Quality System and/or project-related assessments. The most recent QMP and QAPP Guidance and Requirements can be found at: <http://www.epa.gov/fedfac/documents/qualityassurance.htm> and with QMP guidelines found under "Uniform Federal Policy for Implementing Quality Systems" and QAPP guidelines as "Part 1: UFP QAPP

Manual” and also at Part 2A, Part 2A(e), and Part 2B.

16. Lab Certification Requirements

It is required that any environmental laboratory utilized by the USACE shall be currently certified or accredited for the matrix and analysis which are to be conducted for any work performed pursuant to this IA, by one of the following accreditation/certification programs: National Environmental Laboratory Accreditation Program (NELAP), American Association for Laboratory Accreditation (AALA), a current certification issued by a program conducted, or approved, by a State and acceptable to USEPA, or the contracted laboratory is currently participating in the USEPA Contract Laboratory Program.

17. Electronic Data Deliverables

When conducting work for Region 2, USACE will provide electronic submittal of sampling and geologic data in accordance with R2 policies, guidelines, and formats. The R2 Electronic Data Deliverable (EDD) is a standardized format for all submittals. The USACE is responsible for reviewing and approving any USACE contractor work for consistency with R2 EDD requirements. The R2 EDD Guidance and Requirements includes instruction manuals and data submission and validation files. The most recent EDD Guidance and Requirements can be found at: <http://www.epa.gov/region02/superfund/medd.htm>.


18. Green Remediation Requirements

The USACE shall use technologies and practices that are sustainable in accordance with EPA Region 2 Clean and Green policy (March 2009) found at <http://epa.gov/region2/superfund/green/remediation/>. At the direction of the EPA RPM or EPA Project Officer, the USACE shall incorporate requirements for the appropriate practices into the terms of its contracts consistent with the EPA Region 2 Clean and Green policy. The USACE shall report monthly on the use of these technologies and practices, including the associated quantities of materials reduced, reused, or recycled as a direct result of these practices, for all remedial activities conducted under this IA within its monthly status report submission.

19. Sufficient Progress

EPA expressly reserves the right to terminate the IA for failure to make sufficient progress so as to reasonably ensure completion of the project within the project period, including any extensions. EPA will measure sufficient progress by examining the performance required under the Statement of Work, the time remaining for performance, and/or the availability of funds necessary to complete performance. In exercising this right to terminate, EPA will follow the procedures for terminating the IA in Terms and Conditions.

END OF INTERAGENCY AGREEMENT NO. DW-96-95822101-0

 <p>United States Environmental Protection Agency Washington, DC 20460</p> <p>Interagency Agreement/ Amendment</p> <p>Part 1 - General Information</p>		1. EPA IA Identification Number DW-96-95822101 - 0		2. Funding Location by Region EPA R2					
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		5. Type of Action New		6. IA Specialist: Aaron Simril 206-553-0459 Simril.Aaron@epa.gov					
7. Name and Address of EPA Organization US Environmental Protection Agency IASSC West 1200 Sixth Avenue, Suite 900, OMP-145 Seattle, WA 98101			8. Name and Address of Other Agency U.S. Army Corps of Engineers EM CX EM CX 1616 Capitol Ave., Suite 9200 (CEHNC-CX-ES) Omaha, NE 68102-9200						
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14. EPA Project Officer (Name, Address, Telephone Number) Justin Gottesman 290 Broadway (ERRD/PSB/CMS) New York, NY 10007-1866 212-637-4303 E-Mail: Gottesman.Justin@epa.gov FAX: 212-637-3083			15. Other Agency Project Officer (Name, Address, Telephone) Marvene L. Seaman 1616 Capitol Ave., Suite 9200 (CEHNC-CX-ES) Omaha, NE 68102-9200 402-697-2425 E-Mail: marvene.l.seaman@usace.army.mil FAX: 402-697-2613						
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24. Revise Reimbursable Funds and Direct Fund Cites (only complete if applicable)									
	Previous Funding		This Action		Amended Total				
Revise Reimbursable (in-house)					0				
Direct Fund Cite (contractor)					0				
Total					0				
Funds	Previous Amount		Amount This Action		Total Amount				
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26. EPA In-Kind Amount					\$0				
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29. Total Project Cost			\$150,000		\$150,000				
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Treas. Symbol	DCN	FY	Appropriation	Budget Org	PRC	Object Class	Site/Project	Cost Org	Ob/De-Ob Amt
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									150,000

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(c) Travel		\$2,000		\$2,000
(d) Equipment				\$0
(e) Supplies				\$0
(f) Procurement / Assistance				\$0
(g) Construction				\$0
(h) Other		\$1,800		\$1,800
(i) Total Direct Charges	\$0	\$91,084	\$0	\$91,084
(j) Indirect Costs:	\$0	\$58,916		\$58,916
Charged - Amount Rate: 67.5% Base: \$87,284.00 Not Charged: Funds-Out: Not charged by Other Agency Estimate by other Agency Amount \$				
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$0	\$150,000	\$0	\$150,000
32. How was the IDC Base calculated? Personnel + Fringe benefits				
33. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Identify all equipment costing \$1,000 or more)N/A				
34. Are any of these funds being used on extramural agreements? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Type of Extramural Agreement				
Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project			Percent Funded by EPA (if known)
	Total \$ 0.00			
Part III - Funding Methods and Billing Instructions				
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<input checked="" type="checkbox"/> Repayment	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Upon Completion of Work			
<input type="checkbox"/> Advance	Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002.			
<input type="checkbox"/> Allocation Transfer-Out	Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdgtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.			
36. <input type="checkbox"/> Reimbursement Agreement	<input type="checkbox"/> Repayment <input type="checkbox"/> Advance			
<input type="checkbox"/> Allocation Transfer-In				
Other Agency's Billing Address (include ALC or Station Symbol Number)			Other Agency's Billing Instructions and Frequency	

Part IV - Acceptance Conditions**EPA Identification Number**

DW-96-95822101 - 0

37. Terms and Conditions, when included, are located at the end of the 1610-1, or as an attachment.

Part V - Offer and Acceptance

Note: A) For Fund-out actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants and IA Management Division for Headquarters agreements or to the appropriate EPA Regional IA administration office within 3 calendar weeks after receipt or within any extension of time that may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.

Failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency after the document is signed by the EPA Award Official, which the Award Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.

B) For Funds-In actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IA administration office for signature on behalf of the EPA. EPA will return one original copy after acceptance returned to the other agency after acceptance.

EPA IA Administration Office (for administrative assistance)**EPA Program Office (for technical assistance)****38. Organization/Address**

U.S. Environmental Protection Agency
IASSC West
1200 Sixth Avenue, Suite 900, OMP-145
Seattle, WA 98101

39. Organization/Address

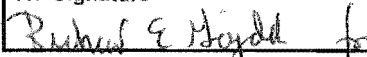
US Environmental Protection Agency
R2 - Region 2
290 Broadway
New York, NY 10007-1866

Award Official on Behalf of the Environment Protection Agency

40. Digital signature applied by EPA Award Official | FOR Armina K. Nolan - Manager - Grants and Interagency Agreements Unit
Tony Fournier - AO delegate

Date

05/23/2012

Authorizing Official on Behalf of the Other Agency**41. Signature****Typed Name and Title****Date**


Joseph J. Suber, Deputy District Engineer for Project Bay Mont

5/25/12

IA Terms and Conditions

USACE Special Terms and Conditions - updated March 2012

The USACE agrees to meet the site-specific financial management and recordkeeping responsibilities contained in EPA's "Superfund Financial Management and Recordkeeping Guidance for Federal Agencies" (January 1989).

1. Cost Documentation Requirements

EPA, acting as manager of the Hazardous Substances Superfund, requires current information on CERCLA response actions and related obligations of CERCLA funds for these actions. In addition, CERCLA, as amended, authorizes EPA to recover from responsible parties all government costs incurred during a response action. In order to help assure oversight and successful recovery of CERCLA funds, both USACE and EPA have responsibilities under this agreement. The USACE accounting system reports must be supported by site – and activity-specific cost documentation. The USACE will organize and retain in a site file documentation of costs by site and activity (e.g. vouchers, billing statements, evidence of payment, audit reports) as follows:

a. Direct Costs

- Payroll – timesheets or timecards to support hours charged to a particular site, including the signature of the employee and/or the employee's supervisor.
- Travel – travel authorizations (including purpose of trip), local travel vouchers, traveler's reimbursement vouchers, carrier bills (including airline tickets), government owned vehicle bills, appropriate receipts for hotel, car rental, etc., proof of payment. Proof of payment is satisfied by providing a copy of the accomplished Standard Form (SF) 1166 "Voucher and Schedule of Payment" or equivalent.
- Contractor Services – copies of contracts, requests for proposals (RFPs), detailed evaluations of contractor bids, contractor invoices, USACE project officer approvals of invoices, and proof of payment. Proof of payment is satisfied by providing a copy of the accomplished SF 1166 or equivalent.
- Supplies and Equipment – EPA authorizations to purchase non-expendable property of \$1,000 or more, vendor invoices, proof of payment, and hourly records of equipment use, when applicable.
- Any other direct costs not included in the above categories.

b. Indirect Costs

If indirect costs are not calculated by the USACE accounting system, a worksheet showing calculations of indirect costs charged to a site will be retained by the USACE.

Under this IA, the USACE certifies: 1) that any indirect costs included in billings to EPA represent, in accordance with GAO principles, indirect costs that would not have been otherwise incurred by the USACE, or 2) that explicit Congressional authority exists for charging other than incremental costs of performance.

2. Reporting Requirements

a. EPA regions and staff who are developing the IA should consider the anticipated project scope, schedule and costs, and discuss with the performing agency the appropriate level of detail for monthly reports, and agree on the content and format. EPA will use these reports as a tool to monitor site

activities.

b. The USACE will provide monthly progress reports to the EPA Project Officer and to the EPA Remedial Project Manager. The format and contents for monthly progress reports will follow recommendations provided in EPA's March 2008 OSRTI guidance memorandum entitled: "Monthly Project Reporting for Superfund Interagency Agreements to the U.S. Army Corps of Engineers". The monthly progress reports should minimally contain the following:

- A cover letter which includes the Site Name and IA Number.
- Summary of work performed for current period.
- Estimate of the percentage of the project completed.
- Accounting of funds expended during the reporting period and on the project to date, which includes budget category cost breakdown.
- Summaries of all change orders and claims made on contracts during the reporting period.
- Summaries of all contacts with representatives of the local community, public interest groups, or State government during the reporting period.
- Summaries of all problems or potential problems encountering during the reporting period.
- Projected work for the next reporting period.
- Copy of the SF 1080 billings statement clearly marked "copy".

c. The USACE will submit a complete and signed Request for Reimbursement (SF-1080) to the EPA Financial Management Center, Cincinnati (CFMC), containing, as appropriate, USACE cost by budget category identified by site, site-specific account number, and IA number. The USACE will follow the procedures contained in EPA's OERR Directive, Memorandum 9295.2-04 entitled "EPA/U.S. Army Corps of Engineers Payment Process, Direct Cite Revised Reimbursement Methods" (available at the following website: <http://www.epa.gov/superfund/cleanup/pdfs/rdra/payment.pdf>). Upon receipt of the USACE certified bills, CFMC processes payment to USACE. Payment will be made within 5 days of receipt and without certification by the EPA Regional Program Office except for final billings. **The USACE project manager will provide one copy of the SF 1080 billings clearly marked "copy" with the monthly status report to the EPA Project Officer and one copy to the EPA Remedial Project Manager.** If EPA detects any apparent discrepancies with the payment request, the problem should be discussed and resolved with the USACE Project Manager. Any changes required to subsequent payment requests will be documented in a memorandum from the EPA Project Officer to the USACE project manager.

d. The USACE will provide a final inventory of property, within one month of the end of the Interagency Agreement performance period, describing the condition of each item. The USACE will require all contractors to provide a final inventory of property prior to their final contract payment. If the duration of the project is greater than one year, USACE will provide an annual inventory of all property acquired by or furnished to USACE with EPA funds.

3. Cost Recovery

In the event of a contemplated cost recovery action, the USACE will provide to EPA or the Department of Justice (DOJ) a cost documentation package detailing site-specific costs and including copies of the back up documentation. In some cases, these requests from EPA or DOJ may require that this documentation be provided in less than thirty days. If additional time is required to comply with a request, the USACE will negotiate with EPA or DOJ a schedule for responding. The USACE will provide EPA with a contact for obtaining necessary site-specific accounting information and documentation.

4. Cost Collection Upon Cancellation

If EPA cancels the IA, the USACE is authorized to collect costs incurred prior to cancellation of the IA plus termination costs, up to the total payment amount provided for under the agreement.

5. Record Retention Requirements

The USACE will retain the documents describe in these "Special Conditions" for a minimum of thirty years after submission of a final SF 1080 for a site or sites, after which USACE must obtain written permission from the authorized EPA official before disposing of any of the records. The USACE will require all contractors entering into cost reimbursable type contracts to establish and maintain cost documentation as described above.

6. Audits

a. Superfund cost documentation information must be available for audit or verification upon request of authorized auditing agencies.

b. If an audit determines that any direct or indirect costs charged to EPA by the USACE are unallowable, the USACE will notify EPA immediately following the release of the audit.

7. Final Inspection and Certification

The EPA Remedial Project Manager and Project Officer will participate in the final project inspection, as deemed necessary, to ensure all activities identified in the statement of work have been implemented. At project completion, the EPA Remedial Project Manager and Project Officer will review the final monthly and financial reports provided by the performing agency. If appropriate, EPA will initiate the IA closeout process.

8. Financial Closeout

Within six months after completion of the projects/activities, the USACE will send a letter to EPA Regional IA Coordinator stating that the project has been completed and give the total amount of funds utilized and the amount of excess funds to be deobligated and returned to EPA.

9. Other EPA Involvement

a. If the Direct Fund Cite Method applies, payment by EPA to USACE contractors is contingent upon receipt of a USACE certified payment request. Reimbursement to USACE for in-house costs is contingent upon receipt of a USACE certified reimbursement request (SF 1080).

b. If the Direct Fund Cite Method does not apply, reimbursement to USACE for all costs (contract and in-house) is contingent upon receipt of a USACE certified reimbursement request (SF 1080).

c. Final project payments for specific contracts and in-house cost should be reviewed and approved by the EPA Regional Program Office.

10. Procurement

If this IA includes assisted acquisitions, EPA will coordinate with the performing agency prior to issuance of a contract solicitation, request for proposals under an existing contract or issuing a task order under an existing contract, to ensure that any applicable agency-specific terms and conditions are incorporated into the contract and that the statement of work is within the scope of this IA.

11. Equipment Disposition

EPA will hold title to all property acquired with Superfund monies. EPA will provide the USACE with property disposition instructions upon termination of the IA and receive fair-market value for any property disposed of or used for non-Superfund activities.

12. Minority Business Utilization

In accordance with Public Law 102-389, EPA's policy requires, to the fullest extent possible, that at least 8% of its overall Federal funding for prime and subcontracts awarded in support of authorized programs be awarded to business concerns or other organizations owned or controlled by socially and economically disadvantaged individuals, including historically Black colleges and universities and women. In accordance with CERCLA, as amended (P.L. 99-499), Section 105, any Federal agency awarding contracts, grants, or cooperative agreements utilizing Superfund monies shall consider the availability of minority contractors for participation in contracts. This includes but is not limited to: contracts, subcontracts, SBA 8(a) awards and any subagreements.

Consistent with the above statutes and policy, the USACE agrees, in awarding contracts under this IA, to comply with the utilization requirements for Minority Business Enterprises (MBEs) and Women's Business Enterprises (WBEs) set forth. USACE also agrees to comply with the Small Business Act, 15 U.S.C. 631 et seq and the annual Small Business goals it negotiated with the Small Business Administration (SBA).

All reporting on MBE/WBE and small business accomplishments will be accomplished through the existing federal contracting reporting mechanism, currently the "Federal Procurement Data System, Next Generation (FPDS-NG)," which is available at: https://www.fpds.gov/fpdsng_cms/.

13. Project Specific Conditions

- a. The USACE will invite (with reasonable notice) the EPA RPM to participate in contractor meetings in which scope of the project and/or progress is discussed.
- b. The USACE will invite the EPA RPM to participate in the contractor selection process, as appropriate.
- c. The USACE will have final authority for contract bids, shop drawings and contract modifications that may occur/be prepared during the course of the contract (within contingency fund limitations).
- d. The USACE Project Manager will regularly brief the EPA RPM on the current status of the project. Briefings will be monthly unless a different frequency is mutually agreed upon by both project managers. Emphasis will be placed on project budget, expenditure rates, and schedule.
- e. The USACE personnel and its contractors will have the appropriate safety training and be involved as appropriate in a medical monitoring program as specified in 29 CFR Part 1910; 51 CFR 45663 – 45675; and Section 125(e) of CERCLA, as amended.
- f. All project deliverables will be reviewed by appropriate USACE and EPA personnel within 30 days unless a different frequency is mutually agreed upon by both USACE and EPA Project Managers. Shortened time frames may be appropriate in cases of expedited schedules.
- g. Upon request, the USACE will, in a timely manner, submit to the EPA RPM all final negotiated contracts and contract modifications with budget information.
- h. Under situations where private contractors or subcontractors who are attempting to contract or are under contract with USACE under this IA have claimed some information as Confidential Business Information (CBI), USACE will ensure that such private contractors or subcontractors mark the information as CBI or similar claim of confidentiality. The USACE will then inform EPA immediately in writing when such a claim has been received, and forward the information marked CBI to EPA for EPA

review. EPA's Office of General Counsel or Office of Regional Counsel will then decide whether the CBI claim is valid. If EPA determines that the information is CBI, USACE and EPA cannot release that information under the Freedom of Information Act (FOIA). If USACE or EPA did not ask the private contractors or subcontractors to identify CBI in its document submittals, and there is a FOIA request, USACE or EPA will have to go back to the private contractors or subcontractors and ask them to identify any CBI. If any questions arise regarding whether or not information is releasable under FOIA, USACE and EPA staff should request that the EPA Project Officer managing the IA contact EPA's Office of General Counsel or Office of Regional Counsel, or the local EPA FOIA Officer, for assistance.

i. If the EPA Project Officer changes during the period of performance of the IA, EPA should submit an IA Amendment Form as soon as the change occurs.

j. On an annual basis, EPA will conduct a performance feedback survey, fully coordinated with EPA, to assess work assigned to USACE through the IA during the calendar year. The purpose of this feedback survey is to assess the performance of USACE in carrying out assigned Superfund work during the calendar year. The survey includes survey questions that would be filled out by the RPM regarding USACE performance under the IA. For any sites where an RPM provides a low rating of '1' or '2' for any response to this feedback survey, USACE Headquarters will request that the USACE Project Manager contact the RPM to discuss the reasons for that rating and work out how to best resolve the problems or issues raised by the RPM.

14. Resolution of Disagreements

Should disagreements arise on the interpretation of the provisions of this agreement or amendments and/or revisions thereto, that cannot be resolved at the operating level, the area(s) of disagreement shall be stated in writing by each party and presented to the other party for consideration. If agreement or interpretation is not reached within 30 days, the parties shall forward the written presentation of the disagreement to respective higher officials for appropriate resolution.

If a dispute related to funding remains unresolved for more than 30 calendar days after the parties have engaged in an escalation of the dispute, disputes will be resolved in accordance with instructions provided in the Treasury Financial Manual (TFM) Volume I, Part 2, Chapter 4700, Appendix 10, available at <http://www.fms.treas.gov/tfm/index.html>.

If USACE and EPA cannot concur nor conditionally concur regarding any aspect of work associated with EPA and USACE activities under this IA, such disputes shall be resolved at the lowest level possible within EPA and USACE. In such instances, USACE district or division staff may sequentially elevate the matter to the Commander of the USACE district or division office that is managing the IA for resolution, and EPA regional or headquarters staff may sequentially elevate the matter to the Director of EPA's Superfund or Waste Management Division with the EPA regional or headquarters office that is managing the IA for resolution.

15. Quality Assurance

If this IA involves the collection, generation, or use of environmental data or information, then a Quality Management Plan (QMP) and a Quality Assurance Project Plan (QAPP) must be developed and used in accordance with existing Regional and National Program Office QA policies, guidelines, SOPs, etc. Within these broad QM/QA guidelines, specific requirements for a given project will be detailed in the Statement of Work (SOW) as an attachment to each IA. If mutually agreed, QMPs may address multiple projects and be submitted periodically, rather than project specifically. The USACE is responsible for reviewing and approving any contractor work for consistency with these QA requirements. Any guidance referenced herein will be superseded by updates or new Requirements/Guidance as they become available. EPA may perform periodic Quality System and/or project-related assessments. The most recent QMP and QAPP Guidance and Requirements can be found at:

<http://www.epa.gov/fedfac/documents/qualityassurance.htm> and with QMP guidelines found under "Uniform Federal Policy for Implementing Quality Systems" and QAPP guidelines as "Part 1: UFP QAPP

Manual” and also at Part 2A, Part 2A(e), and Part 2B.

16. Lab Certification Requirements

It is required that any environmental laboratory utilized by the USACE shall be currently certified or accredited for the matrix and analysis which are to be conducted for any work performed pursuant to this IA, by one of the following accreditation/certification programs: National Environmental Laboratory Accreditation Program (NELAP), American Association for Laboratory Accreditation (AALA), a current certification issued by a program conducted, or approved, by a State and acceptable to USEPA, or the contracted laboratory is currently participating in the USEPA Contract Laboratory Program.

17. Electronic Data Deliverables

When conducting work for Region 2, USACE will provide electronic submittal of sampling and geologic data in accordance with R2 policies, guidelines, and formats. The R2 Electronic Data Deliverable (EDD) is a standardized format for all submittals. The USACE is responsible for reviewing and approving any USACE contractor work for consistency with R2 EDD requirements. The R2 EDD Guidance and Requirements includes instruction manuals and data submission and validation files. The most recent EDD Guidance and Requirements can be found at: <http://www.epa.gov/region02/superfund/medd.htm>.

18. Green Remediation Requirements

The USACE shall use technologies and practices that are sustainable in accordance with EPA Region 2 Clean and Green policy (March 2009) found at <http://epa.gov/region2/superfund/green/remediation/>. At the direction of the EPA RPM or EPA Project Officer, the USACE shall incorporate requirements for the appropriate practices into the terms of its contracts consistent with the EPA Region 2 Clean and Green policy. The USACE shall report monthly on the use of these technologies and practices, including the associated quantities of materials reduced, reused, or recycled as a direct result of these practices, for all remedial activities conducted under this IA within its monthly status report submission.

19. Sufficient Progress

EPA expressly reserves the right to terminate the IA for failure to make sufficient progress so as to reasonably ensure completion of the project within the project period, including any extensions. EPA will measure sufficient progress by examining the performance required under the Statement of Work, the time remaining for performance, and/or the availability of funds necessary to complete performance. In exercising this right to terminate, EPA will follow the procedures for terminating the IA in Terms and Conditions.

END OF INTERAGENCY AGREEMENT NO. DW-96-95822101-0

**ATTACHMENT A
SCOPE OF WORK
REMEDIAL ACTION OVERSIGHT**

SITE NAME: Rockaway Borough Wellfield Superfund Site
Rockaway, Morris County, New Jersey

SITE ID: NJD980654115

PURPOSE

The purpose of this agreement is to obtain technical assistance from the U.S. Army Corps of Engineers for oversight of the remedial action for Operable Unit 3 (OU3) of the Rockaway Borough Wellfield Superfund Site.

BACKGROUND

Introduction

The Rockaway Borough Wellfield Site is located in Rockaway Borough in Morris County, New Jersey. Rockaway Borough is situated in the center of Morris County, approximately 10 miles north of Morristown and 20 miles northwest of Newark in the north-central portion of the state.

The Wall Street/East Main Street (WS/EM) Source Area is a portion of the larger Rockaway Borough Wellfield Superfund Site. The Rockaway Borough Wellfield Superfund Site includes three municipal water supply wells (Nos. 1, 5, and 6), which are located off Union Street in the eastern section of the Borough. The groundwater at the municipal water supply wells is contaminated primarily with tetrachloroethene (PCE) and trichloroethene (TCE). Based on prior investigations, the suspected sources of the TCE and PCE contamination included industrial operations within the Borough, including the Klockner and Klockner (K&K) facility, and a dry cleaning operation (Lusardi's Cleaners, Inc.).

Low concentrations of metals including chromium, lead and nickel are also present in WS/EM Source Area soil. A former foundry, the M. Hoagland Union Foundry, operated in the WS/EM Source Area and is a potential source of the metals detected in soils. Metals, however, are not associated with the groundwater contamination at the site. Additionally, the human health risk assessment for the WS/EM Source Area did not find unacceptable risks or hazards associated with exposure to metals in soil.

The WS/EM Source Area is primarily comprised of a commercial area in the heart of downtown Rockaway Borough, Morris County, New Jersey. The remedial investigation and feasibility study (RI/FS) study area for OU3 encompassed businesses located in this area including dry cleaning, auto body repair, auto service and repair, banking, hardware, hair dressing, convenience stores, and food establishments. Borough Police and Fire Departments, Memorial Park, and municipal parking lots are also located within the area studied for the OU3 RI/FS.

The developed portions of the WS/EM Source Area are covered by impervious surfaces including asphalt roadways and driveways, concrete building slabs and sidewalks, and asphalt parking areas. A limited number of small, fragmented areas of exposed soils comprising suburban parkland, mowed lawns,

ballfields and playgrounds, and fragmented areas of forested habitats, occur in the developed area of the WS/EM Source Area.

Site History and Enforcement Activities

Investigations, conducted by the New Jersey Department of Environmental Protection (NJDEP) at the Rockaway Borough Wellfield site since 1980, indicated the presence of volatile organic compounds (VOCs), primarily trichloroethylene (TCE) and tetrachloroethylene (PCE) in the groundwater. Several inorganic compounds including chromium, lead, and nickel were also identified. This contamination, which has affected the wellfield, emanates from multiple source areas within Rockaway Borough.

The presence of VOC contamination caused the Borough of Rockaway to construct a three-bed granular activated carbon adsorption treatment system to treat the municipal water supply. The system began operating in July 1981, treating approximately 900,000 gallons per day of raw water pumped from the Borough's wells. Overall, the system has reduced the VOC contaminant concentrations in the municipal water supply to levels meeting the state and federal drinking water standards.

In December 1982, the site was placed on the United States Environmental Protection Agency (EPA) National Priorities List of Superfund Sites. Under a cooperative agreement with EPA, NJDEP initiated an RI/FS to determine the nature and extent of contamination. The RI/FS utilized a soil gas survey that identified three potential source areas within the Borough, although the horizontal and vertical extent of groundwater and soil contamination was not defined. As part of the study, remedial alternatives were developed and evaluated to address the known contamination.

On September 29, 1986, at the conclusion of the NJDEP RI/FS, EPA signed a ROD for the first operable unit. The ROD called for the continued use of the existing carbon treatment system operated by Rockaway Borough, and directed the commencement of a supplemental RI/FS in order to identify the contaminant source(s), further delineate the full extent of the contamination, and evaluate additional remedial action alternatives to address those sources.

Based on these findings, EPA initiated a Phase II RI/FS to identify the contaminant sources, further delineate the full extent of contamination and evaluate remedial action alternatives to address the sources of contamination.

Some of the major findings and conclusions of the Phase II RI/FS were as follows:

- PCE groundwater contamination emanating from the WS/EM Source Area was impacting municipal wells No. 1 and 5;
- TCE groundwater contamination emanating from the K&K property was impacting municipal well No. 6;
- Groundwater contamination from VOCs was present in the Roned Realty Industrial Area (an industrial park in Rockaway Borough).

On September 30, 1991, EPA issued a ROD selecting a remedy for OU2, the VOC plumes in groundwater that are migrating to the Borough Wellfield. The selected remedy called for the remediation of the K&K and WS/EM groundwater plumes, and no further action in relation to the Roned Realty Industrial Area. The selected remedy included groundwater extraction and treatment by air stripping and chemical precipitation; reinjection of the treated groundwater to the aquifer; and appropriate environmental monitoring to ensure the effectiveness of the remedy.

The OU2 ROD also directed further investigation to identify the source areas for the groundwater, and further delineate the full extent of contamination. In 2006, EPA completed a RI/FS with respect to the WS/EM Source Area, which will be addressed as OU4, and a ROD was signed in September 2006. The ROD calls for the excavation of contaminated soil and off-site disposal and/or treatment. Design of the East Main Street/Wall Street portion of the site was completed in September 2008. The design included the addition of a soil vapor and extraction system to address the soil contamination under the 2 Wall Street building that cannot be excavated. The potential use of a soil vapor extraction system was included in the September 2006 ROD. The East Main Street/Wall Street remedial work will be completed by the end of summer 2009.

An RI/FS for the K&K Source Area, which will be addressed as OU3, was completed in 2007 and a ROD was signed for the source area in September 2007. EPA has begun negotiations with the potentially responsible parties to conduct the remedial design. The ROD calls for the excavation of contaminated soil and off-site disposal and/or treatment and installation of a soil vapor and extraction system to address the soil contamination under building 12.

Two Remedial Designs (RDs) have been completed to address the groundwater contamination (OU2). In 1994, EPA entered into a Consent Decree with Alliant Techsystems (ATK), a Potentially Responsible Party (PRP) for the K&K groundwater plume, requiring ATK to undertake the RD for both contaminated groundwater plumes that comprise OU2 of the Rockaway Borough Wellfield site, and to perform the Remedial Action (RA) for the K&K contaminated groundwater plume. ATK has completed the RA for the K&K plume and the groundwater treatment system is currently operational.

Purpose

The purpose of this work assignment is to oversee construction of a source area remedial action to the Klockner & Klockner portion of the Rockaway Borough Wellfield Superfund site.

Description of the RA

The work to be implemented by the Potential Responsible Party will include, but is not limited to, the following components:

- construction and operation of a soil vapor extraction system;
- monitoring requirements as per applicable permits;
- excavation of lead and volatile organic compound contaminated soils.

Statement of Work

The USACE shall provide technical support to the USEPA for oversight of the PRP-performed OU3 Remedial Action at the Rockaway Borough Wellfield site in accordance with OSWER Directive 9355.5-01 (Guidance on Oversight of PRP Performed RD/RA). Specifically, the USACE shall be responsible for the following support:

1. The USACE shall appoint, then identify to the EPA Remedial Project Manager (RPM), an Oversight Project Manager (OPM) from the USACE to serve as a primary contact during the implementation of this IA.

2. The USACE shall review all relevant background information required to successfully execute this Statement of Work. The following documents, at a minimum, should be reviewed:

- September 2007 ROD;
- approved Remedial Design ; and
- Remedial Action Work Plan.

Copies of relevant documents will be provided by the EPA RPM upon award of this IA.

3. The USACE shall perform monthly project administration functions throughout the project period of this IA.

4. The USACE shall, in consultation with the EPA RPM, procure the services of an architect/engineering firm to assist with the oversight of the PRP's remedial action activities, if necessary. The USACE shall be responsible for managing all aspects of work specified in their work assignment with their contractor.

5. The USACE shall be responsible for furnishing or ensuring that its contractor furnishes all necessary and appropriate personnel, materials, and services needed for, or incidental to, performing and completing the oversight of the PRP's remedial action activities.

6. Arranging, upon request from EPA, for additional technical support by a USACE design and/or construction office. Support may include, but is not limited to, the review of documents, participation on conference calls, attendance at meetings, and other support tasks as needed.

7. The USACE shall ensure that all PRP-performed activities are conducted in accordance with the OSWER Directive 9355.5-01 (Guidance on Oversight of PRP Performed RD/RA), the Statement of Work, and to ensure consistency with the OU3 September 2007 ROD.

8. The USACE shall attend, on an as-needed basis, technical meetings between EPA and the PRP to discuss EPA's comments on the PRP-generated documents. Except for field oversight efforts, unless specifically instructed, the USACE shall not correspond or communicate directly with the PRP or its contractors.

9. Performing field oversight as requested by the EPA RPM for RA field activities performed by the PRPs in order to verify that EPA-approved plans are being followed.

- The USACE shall oversee and directly observe the manner in which the PRP contractor(s) conduct field activities. The USACE shall maintain a field logbook in which all field activities shall be recorded. The logbook shall contain, at a minimum the following information:

1. the date and time of field activities;
2. climatic conditions;
3. name, title, and affiliation of all personnel at the Site;

4. tasks where oversight is being conducted; and
5. a complete description of all activities, including any approved work changes or deviations from the EPA-approved remedial action work plans and or any other applicable plans.

The logbook shall be signed by a USACE representative at the completion of field activities and shall be labeled "ENFORCEMENT CONFIDENTIAL."

- The USACE shall verbally notify the EPA RPM immediately if any deviations from the EPA-approved remedial action work plans and or any other applicable plans are observed in the field. Such deviations shall be noted in the field logbook, as described above. The USACE shall submit a letter report to the EPA RPM within 7 calendar days of verbal notification which will describe each deviation and, if applicable, the resolution.
- As part of the certification of work process, the USACE and/or its contractor will be available, at EPA's request, to accompany EPA on inspections of the Site.
- Oversight activities shall confirm the technical quality of work, the materials being used, conformance to approved work plan methods and overall strategy, use of qualified personnel, and timeliness of completion.
- As necessary, split samples may be collected, analyzed, and validated in accordance with standard EPA protocol. The USACE shall follow the EPA Region 2 Field and Analytical Services Technical Advisory Committee (FASTAC) procedures. For all non-time critical data collection projects, EPA Region 2 requires that a sequential decision tree for procuring Superfund analytical services be followed, which includes:
 - Tier 1: EPA Region 2 DESA laboratory (with ESAT support)
 - Tier 2: National Analytical Services Contract laboratories (CLP and Non-RAS)
 - Tier 3: Region Specific Analytical Services (SAS) Contract laboratories
 - Tier 4: Contractor, IAs and Field Contractor Subcontract laboratories

The USACE shall follow the FASTAC strategy unless a written direction is provided by the EPA Monitor or the Project Officer to deviate from the FASTAC strategy. This letter shall be submitted to the RSCC along with the sample booking request form.

- The USACE shall provide electronic submittal of sampling data in accordance with EPA Region 2 policies, guidelines, and formats.
- The USACE shall submit a letter report(s) describing oversight findings and field activities within 7 calendar days of completion of each week's activities. This report shall also contain the pertinent pages of the logbook.

10. Reporting all progress to the EPA RPM verbally on a minimum weekly basis, as well as adhering to the monthly written reporting required by the IA.

11. Refer to EPA any inquiries outside the scope of work of this IA.

Other Requirements

The USACE shall submit monthly progress reports to the EPA RPM and Project Officer. The report shall include: activities underway during the monthly period, activities scheduled, progress of work, and any outstanding problems or concerns.

The EPA RPM shall be notified at least sixty days in advance of reaching 75 and 100 percent expenditure of the total approved IA budget.

The USACE shall be responsible for maintaining all technical and financial records associated with this IA.

The USACE shall use technologies and practices that are sustainable in accordance with EPA Region 2 Clean and Green policy (March 2009) found at http://epa.gov/region2/superfund/green_remediation/. At the direction of the EPA RPM or EPA Project Officer, the USACE shall incorporate requirements for the appropriate practices into the terms of its contracts consistent with the EPA Region 2 Clean and Green policy. The USACE shall report monthly on the use of these technologies and practices, including the associated quantities of materials reduced, reused, or recycled as a direct result of these practices, for all remedial activities conducted under this IA within its monthly status report submission.

At the completion of this IA, the USACE shall perform all necessary closeout activities as specified in the IA. The closeout activities may include closing out any contracts, indexing and consolidating project records and files as required above, and providing a technical and financial closeout report to EPA.

Project Organization

The EPA RPM for this project is:

Mr. Brian Quinn
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